ATTACHMENT - CLAIMS LISTING

This listing of claims will replace all prior versions, and listings, of claims in the application.

1. (currently amended) A method to furnish an edge of an anode or cathode conductive sheet with a strip of plastic material using a device including a die space, the method comprising the steps of:

providing the edge of the conductive sheet with holes to improve adhesiveness of the plastic strip to the conductive sheet,

fitting the edge of the conductive sheet inside of the die space,

feeding plastic material into the die space and around the sheet edge and into the holes which improves adhesiveness of the plastic strip to the conductive sheet,

avoiding, by providing of restrictive organs and die surfaces about the die space, the escape of heated plastic material from the die space,

moving the sheet in regard to the device with the sheet edge inside the die space of the device so that the plastic strip is adhered to the sheet edge,

wherein the feeding step includes the step of heating the die space including the sheet edge during the moving step,

wherein the fitting step includes the step of pre-heating the conductive sheet edge to a temperature at least 10-200°C. warmer than the temperature of the plastic material fed into the die space; and

further including the step of cooling the strip and sheet edge so that the plastic material of outer strip surfaces of the strip cool and harden before plastic material of a spot of the strip immediately adjacent the sheet edge, wherein said cooling step further includes steering a cooling air flow only on the outer surface of the produced strip.

2. (canceled)

3. (canceled)

4. (previously presented) A method according to claim 1, wherein the feeding step includes the step of fixing a feed pressure of the plastic material fed into the die space low enough so that the plastic strip adhered to the sheet edge and running out from a discharge opening of the die space causes a comparable back pressure at the discharge opening.

5. (previously presented) A method according to claim 1, wherein the sheet edge is moved through the die space of the device.

6. (previously presented) A method according to claim 1, wherein the device is moved along the sheet edge.

7. (previously presented) A method according to claim 1, wherein the avoiding step further includes the provision, at an input end of the die space having opening portions which are spaced from the sheet, a plugging part by which the opening portions are always plugged.

8. (previously presented) A method according to claim 1, wherein the pre-heating step directs heat from a heat source directly to the edge of the conductive sheet.